

# Atlanta Ham

THE OFFICIAL BULLETIN OF THE ATLANTA RADIO CLUB, W4DOC

JULY 2001

## KC7NHZ, THRILLS FIELD DAY OPS FROM ISS

Source: The ARRL Letter

Astronaut Susan Helms, KC7NHZ, took time out aboard the International Space Station to join in the ARRL Field Day fray last weekend. The operation was believed to mark the first time anyone participated in Field Day from space.

Helms worked several dozen stations--most of them Field Day operations--as the ISS passed over the US. ARRL Contest Branch Manager Dan Henderson, N1ND, says the NA1SS contacts will count for Field Day credit, but they will not count for satellite bonus points.

Helms sounded like a veteran contester during Field Day, although not without some confusion as to what exchange she should transmit. Initially acting on incorrect information, Helms was giving out "one alpha maritime mobile-Russia" for a Field Day report. Later, she resorted to "1 alpha battery on the space station."

The NA1SS Field Day operation infused a lot of enthusiasm into the occasion. "This Field Day is the one I'll remember the most, even after doing FD for 40 years," said ARRL Wisconsin Public

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## HAMFEST REPORT

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### Atlanta Hamfest 2001 Report: By all accounts – A Success!

Thank you to all who participated!

The 2001 Atlanta Hamfest was a success as witnessed by the many vendors and tailgaters. The forums proved particularly attractive thanks to the hard work of Penn, K4PE. We are already in the process of working on 2002. It seems the success we enjoyed this year was noticed by some potential vendors and speakers who expressed interest in 2002.

One remark summed it all up, "having this much fun should be illegal!" The Weather was perfect after a somewhat dismal Friday. Tailgating was in

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## Georgia QSO Party July 21 & 22

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*sponsored by SECC and SEDXC*

Two periods: 1800Z July 21 to 0359Z July 22 and 1400Z July 22 to 2359Z July 22. All stations may operate the full 20 hours. Phone and CW. 80 40 20 15 10 meters. Single Op, Multi-single, multi-multi, rover and Technician in each of three power levels: QRP, low power (150 W or less) and high power (more than 150 W). Rover requires operation from at least 6 Georgia counties. Mobiles and portables must move the complete station, including antennas, at least 100 yards to change counties--no county line operations. Work stations once per band and mode. Multipliers count on each mode. Exchange RST and Georgia county, state, province or DX entity. Count 1 point per phone QSO; 2 points per CW QSO. Multipliers are Georgia counties; for Georgia stations the multipliers are the 50 US states and 11 Canadian provinces. Awards. Mail logs by Aug 23 Michael R Condon, NE4S, 4641 Smoke Rise Ln, Marietta, GA 30062; mcondon@attglobal.net; secc.contesting.com/

## THE ATLANTA HAM

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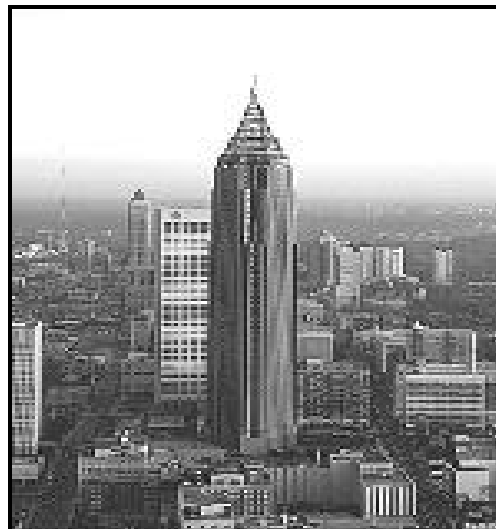
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## THE ATLANTA RADIO CLUB, W4DOC

Originally known as the "Atlanta Wireless Club," the Atlanta Radio Club is one of the oldest and largest amateur radio clubs in the United States. With nearly 200 members, the Club sponsors numerous activities and services for its membership and for the Atlanta area amateur radio community.

The Club is best known for its sponsorship of the annual Atlanta HamFestival, a Saturday event which hosts many vendors, exhibitors, and flea marketers of amateur radio equipment and other electronic equipment, including computers



Bank of America Tower  
Site of Atlanta Repeaters:  
146.82(-), 224.34(-) and 444.825(+)

## W4DOC REPEATERS

The Atlanta Radio Club operates six repeaters at two locations. Currently our most active project is at the Bank of America Tower where we operate three repeaters at 146.82(-), 224.34 (-), and 444.825(+). All our repeaters are undergoing extensive renovations during the summer of 2000. On the web, go to <http://www.saf.com/arc/repeater.pdf> for a Acrobat 4.0 diagram of what we plan to have on the air by late spring or summer 2001

Our second location is the WFOX broadcast tower at Chestnut Mountain, south of Gainesville, GA. We operate three repeaters on 145.35(-) & 444.45 (+) . These repeaters are being renovated under the expert guidance of Tim, WK4U, and should also be on the air by July 2001. For pictures of that site, see <http://www.saf.com/arc/wfox.html>

## ASSOCIATE ORGANIZATIONS



## MEETING NOTICE

**WHEN:** Thursday July 5, 2001 730pm  
**WHERE:** The Red Cross Training Rooms  
Lindbergh Plaza, Sidney Marcus  
& Piedmont Ave  
**TALK IN:** 146.820  
**PROGRAM:** David Schornack, KG4LSK  
presents **APRS**

**DINNER:** As always, dinner at The Piccadilly 615pm  
located at the end of the building

### PRESIDENT'S MESSAGE – PENN K4PE

#### The Georgia Games

Atlanta Radio Club members have another opportunity to operate radios, make friends and do good by volunteering for the Georgia Games. David Ziskind, KE4QLH, runs a website at <http://www.qsl.net/ke4qlh/2001/commsupp2001.html> where you can learn more about this exciting event.

To summarize the Georgia Games is a consortium of amateur sporting events from July 14 – 22<sup>nd</sup>. Sports are as diverse as Arm wrestling to Volksmarch. This year there are approximately sixty independent sports, being held at about 50 venues throughout Georgia, but mainly in the Atlanta area.

Last year there were a good number of ARC operators who volunteered. At our July 5<sup>th</sup> meeting (after our exciting technical presentation on APRS by KG4LSK), we will discuss the idea of 'sponsoring' certain venues, sports, or days. By 'sponsoring' I mean commit to cover certain events that need coordinated communications. Maybe we want to cover all the events on a certain day, or perhaps we want to cover a particular venue. Whatever we can do as a club takes some of the load of KE4QLH, and helps alleviate the massive logistical effort he will make during the games to ensure that event communications run smoothly.

David was at the Hamfest passing out registration forms. He also has a registration form on his website. Everyone is encouraged to help with this event. I guarantee you'll have a lot of fun too.

This is probably a good time to remember that we have been awarded the **Special Services Club** designation by the ARRL again for 2001. You can learn more about this ARRL program at <http://www.arrl.org/FandES/field/club/forms/fsd7/index.html> We won this distinction not only through our participation in the Georgia Games, but also the Skywarn program, the Hamfest, and our work on making our repeaters available to non-profit organizations around Atlanta. Don't forget that the Atlanta Track Club hams will use the 146.82 repeater on the 4<sup>th</sup> of July during the Peachtree Road Race.

73's Penn, K4PE

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# ISS Operates Field Day 2001

(Continued from page 1)

Information Coordinator Jim Romelfanger, K9ZZ. Romelfanger worked NA1SS as part of the WB9FDZ Yellow Thunder Amateur Radio Club Field Day crew. "Susan was having a ball up there!" he said.

Dave Swartz, KC7RRH, said his club's Field Day operation was another lucky enough to snag a contact with NA1SS. It happened almost by accident. Swartz, who operated with the Federal Way Amateur Radio Club's WA7FW setup in Washington, said the group was set up for a packet contact via the ISS when he heard Helms' voice coming over the speaker. Although he was on 20 meters at the time, he grabbed the mike at the packet setup next to him and made the QSO. Swartz said he was "very psyched" about working Helms but disappointed not to get the bonus points.

Henderson said that ISS contacts will not count for bonus points because the ISS is not an "Amateur Radio satellite," as rule 7.3.7 specifies <<http://www.arrl.org/contests/announcements/rules-fd.html>>. Henderson said that, because of their nature, bonus points "need to be readily available to everybody," and the ISS offers only a limited window of opportunity.

As for the correct Field Day operating class for NA1SS, Henderson said there is more than one possible choice, but the question is largely academic. "Whatever exchange she sent out, count it as a valid contact for Field Day and enjoy the experience," he said. Field Day entries require a list of call signs worked by band and mode.

Henderson said Helms' ISS Field Day entry will end up "in a class by itself."

US stations working NA1SS aboard the International Space Station QSL to Margie Bourgoin, KB1DCO, ARRL, 225 Main St, Newington, CT 06111. Canadian stations QSL to Radio Amateurs of Canada, 720 Belfast Rd--Suite 217, Ottawa, ON K1G 0Z5. A self-addressed, stamped envelope is required to get a QSL in



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## STARS JULY 28th, 12-3pm

As some of you already know the Scitrek Museum has an Amateur Radio Station. You can learn more about this station called "STARS" at <http://www.america.net/~w4qo/stars.html>. It is described as "one of the most impressive amateur radio stations in the Atlanta area." This station provides a great way to introduce kids of all ages to the hobby!

You operate commensurate with your privileges. You can still operate VHF (85' tower with 6 and 2 meter beams on top) if you do not have HF privileges. You can always listen around on HF. Please contact Jim or me for your orientation session, typically on the 4<sup>th</sup> Saturday of each month. It should be fun, fun, fun.

For more info: Contact Penn, K4PE

## METRO TESTING SESSIONS

Call ahead to verify session and be prepared with the appropriate forms and required papers. A small fee may be charged. Check with the VEC

First Sunday WCARS VEC  
2:00 PM (Except July and September)  
Johnson High School  
3305 Poplar Springs Road, Gainesville  
Terry Jones, W4TL (770)967-6364

Second Tuesday 7:00 PM  
Walton EMC Building  
3645 Lenora Church Road, Snellville  
Wayne Taylor, WD4CCA (770)498-7759

Second Saturday CA VEC 8:30 AM  
Stone Mountain Methodist Church  
5312 West Mountain Street, Stone Mountain  
Hal Martin, K14RD (770)978-9160

Third Saturday CA VEC 9:00 AM  
Marietta First United Methodist Church  
Room 305  
56 Whitlock Avenue, Marietta  
Larry Huff, WA4CQZ (770)955-3171

Fourth Tuesday ARRL VEC 7:00 PM  
United Way Service Center  
6279 Fairburn Road, Douglasville  
Jessie Clower, KB4WFK (770)942-6466

Fourth Friday W5YI VEC 7:00 PM  
St. John Neumann Church  
801 Tom Smith Road, Lilburn  
Headphones provided  
Howie Gould, W9HG (770)921-8362

## ACTIVITIES CALENDAR FOR JULY 2001

Meeting: July 5, 730pm

STARS – Scitrek July 28, 12-3pm We staff the STARS station every 4th Saturday of the month. Contact Penn, K4PE

### Upcoming Hamfests

14 Jul 2001 Lanierland ARC [www.lanierlandarc.org/hamfest.htm](http://www.lanierlandarc.org/hamfest.htm)  
18-19 Aug 2001 Alabama Section Convention  
Huntsville Hamfest Association [www.hamfest.org](http://www.hamfest.org)

25 Aug 2001 Tampa ARC [www.hamclub.org](http://www.hamclub.org)

15 Sep 2001 Paulding ARC [www.pauldingarc.com](http://www.pauldingarc.com)

## REPEATER NEWS AND TIDBITS

\* No repeater news is available for the month of July

\* Dayton attendance down slightly: Dayton Hamvention General Chairman Jim Graver, KB8PSO, reports the official attendance at the 2001 Dayton Hamvention--the 50th event--was 26,151, down roughly 9% from last year's 28,804. Hamvention attendance peaked at 33,669 in 1993, before the change in date from April to May in 1996. Graver blamed rainy weather on the opening day of the event and high gasoline prices for the attendance drop. Graver also will chair next year's Dayton Hamvention.

\* Vera M. Tallman, K4ICA, SK: Vera Mayree Tallman, K4ICA, of Mt Pleasant, Tennessee, died June 19, 2001. She was 99. Tallman was founder and past president of YL International SSBers (<http://www.qsl.net/yl-issb/>). She also was a nurse and one of the first airline stewardesses for American Airlines in Little Rock, Arkansas. A service was held June 23 in Mt Pleasant. Her son and a sister are among her survivors.--thanks to Bob Brown, KS4TD; The Daily Herald

\* DXCC announces 12 meter DXCC: The ARRL DXCC Desk has announced the addition of the 12-Meter Single Band DXCC. Applications will be accepted starting July 2, 2001. The 12-Meter DXCC certificates will be dated but not numbered. Twelve-meter credits will not count toward the DeSoto Cup competition until October 1, 2001, but they will be included in the DXCC Challenge totals. DXCC records as Adobe PDF files may be ordered via e-mail to [dxcc@arrl.org](mailto:dxcc@arrl.org). The 12-meter band was added to the printout on January 1, 2001, and DXCC records ordered since then contain 12-meter credits. Hard copies also are available from DXCC, 225 Main St, Newington, CT 06111. Include \$2 for postage and handling. For more information, contact the DXCC Desk at [dxcc@arrl.org](mailto:dxcc@arrl.org).--DXCC Desk

"Mister Guitar," Chet Atkins, W4CGP, SK (Jul 2, 2001) -- Guitar picker, music legend and Amateur Radio operator Chester B. "Chet" Atkins, W4CGP, of Nashville, Tennessee, died June 30. He was 77. Atkins reportedly died of cancer complications

## SIGNMAN of Baton Rouge



### ORDER THE W4DOC BADGE!



The Atlanta Amateur Radio Club badge has a SILVER background with BLUE letters and the CLUB LOGO in GOLD. The distinctive Atlanta skyline; designed by Roy Epps, K4UWO; makes this name tag unique. The ARC badge is \$8.75 (includes s&h).

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## JULY 2001 CONTESTING SCHEDULE

### JULY 1

Canada Day Contest, sponsored by the Radio Amateurs of Canada (RAC). 0000 to 2359Z July 1. 160, 80, 40, 20, 15, 10, 6 and 2 meters, CW and phone (SSB, FM, AM). Stations in Canada send RS(T) and province or territory. VEØs and stations outside Canada send RS(T) and a serial number. Contacts with stations in Canada or VEØs are worth 10 points. Contacts with stations outside Canada are worth 2 points. Contacts with RAC official stations are worth 20 points. RAC official stations are: VA2RAC, VA3RAC, VE1RAC, VE4RAC, VE5RAC, VE6RAC, VE7RAC, VE8RAC, VE9RAC, VO1RAC, VO2RAC, VY1RAC and VY2RAC. Multipliers: Canada's 10 provinces and two territories, and may be counted once on each mode on each of the eight contest bands. Final score = Total QSO points x total multiplier points. Categories: Single Operator, all bands; Single Operator Low Power (max 100 W output); Single Operator QRP (max 5 W output); Single Operator single band; Multioperator. Send entries to Radio Amateurs of Canada, 720 Belfast Rd, Suite 217, Ottawa, ON K1G 0Z5, Canada by July 31. For more information see [www.rac.ca/CANDAY.htm](http://www.rac.ca/CANDAY.htm); [gkosmenko@arrowspeed.com](mailto:gkosmenko@arrowspeed.com).

### JULY14-15

IARU HF World Championship. See April 2001 QST, page 111.

QRP ARCI Summer Homebrew Sprint, Sponsored by QRP ARC International 2000-2400Z July 15, CW only. Entries may be single band, all band, high band or low band. Work stations once per band. Exchange signal report, state/province/country, and QRP ARCI number if member. 2/pts for nonmembers on the same continents; 4/pts for nonmembers on different continents. Bonus points awarded for using homebrew equipment: 2000/pts for homebrewed transmitter, 3000/pts for homebrewed receiver, 5000/pts for homebrewed transceiver. Final score is total of QSO points multiplied by total of states/provinces/countries times power multiplier (>5 W output, x; 1; <5 W output, x; 7; <1 W output, x; 10; < 250 mW output, x; 15) plus bonus points. Send entries by August 12 to QRP ARCI Contest Mgr, Randy Foltz, 809 Leith St, Moscow, ID 83843; [rfoltz@turbonet.com](mailto:rfoltz@turbonet.com); [personal.palouse.net/rfoltz/arcia/citst.htm](http://personal.palouse.net/rfoltz/arcia/citst.htm)

### JULY 21-22

Six Club Six-Meter Sprint, sponsored by the Six Club, 2300Z July 21 to 0400Z July 22, 6 meters only. Count 1 point/QSO within your country; 2 points/QSO outside of your country (KH6 and KL7 count as countries). Final score is the total QSO points times the number of different grid squares worked. Awards. Mail logs by July 22 to Six Club, PO Box 307, Hatfield, AR 71945; [sixclub@6mt.com](mailto:sixclub@6mt.com); [6mt.com/contest.htm](http://6mt.com/contest.htm).

North American QSO Party, RTTY, sponsored by the National Contest Journal. 1800Z July 21 to 0600Z July 22. Single op and multi-two. Single Operator stations may operate 10 out of 12 hours. Off times must be at least 30 minutes in length and must be clearly marked in the log. Mode: RTTY only. 80, 40, 20, 15 and 10 meters only. You may work a station once per band. Exchange operator name and station location (state, province or country). One point for each valid contact. Multipliers include US states, including KH6 and KL7, Canadian provinces and other North American DXCC entities. Do not count USA, Canada, KH6

## CLASSIFIEDS

### EQUIPMENT

HERE'S YOUR CHANCE TO REACH ALL OF YOUR FELLOW CLUB MEMBERS AS WELL AS THOSE WHO RECEIVE OUR NEWSLETTER AT HRO

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or KL7 as countries. Non-North American entities do not count as multipliers but may be worked for QSO credit. Scoring: Multiply total valid contacts by the total number of multipliers worked on each band. Send logs to Ron Stailey, K5DJ, 504 Dove Haven Dr, Round Rock, TX 78664-5926, [rttynaqp@ncjweb.com](mailto:rttynaqp@ncjweb.com); [www.ncjweb.com/](http://www.ncjweb.com/).

### JULY 28-29

RSGB Islands-On-The-Air Contest, sponsored by the RSGB, 1200Z July 28 to 1200Z July 29. 80 40 20 15 10 meters, phone and CW. Single op, phone/CW/mixed; single op limited, phone/CW/mixed; multi-single island stations. Single op limited stations may operate 12 hours max. Send RS(T), serial number and IOTA reference number. If applicable, island stations may send IOTA number. Work stations once per band and mode. Score 2 pts/QSO with your own country or IOTA reference; 15 pts/QSO w/IOTA stations and 5 pts/QSO w/others. Final score is QSO points x; IOTA numbers worked per band/mode. Awards. Send logs by August 31 to RSGB IOTA Contest, PO Box 9, Potters Bar, Herts EN6 3RH, England; [iota.hf.contests@rsgb.org.uk](mailto:iota.hf.contests@rsgb.org.uk); [www.g4tsh.demon.co.uk/HFCC/IOTA.htm](http://www.g4tsh.demon.co.uk/HFCC/IOTA.htm).

**ATLANTA RADIO CLUB, INC P.O. Box 942150 Atlanta, GA 31141-2150**

New ☐ Renewal ☐ Treasurer Use: Date Paid: \_\_\_\_\_ Amount: \_\_\_\_\_ Cash ☐ or Check# \_\_\_\_\_  
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Type of Application ☐ Voting \$22 ☐ Associate \$15 ☐ Student \$8 ☐ Family \$2(non-voting)

Are you a member of ARRL (Y/N) \_\_\_\_\_ Please include my renewal/new membership in ARRL when processing this Application! (Y/N) \_\_\_\_\_

ARRL Membership Dues are as follows: ☐ Regular ☐ Family/Blind ☐ 65 or older (Proof of age required)

☐ 1 year \$34 \$5 \$28

☐ 2 year \$65 \$10 \$53

☐ 3 year \$92 \$15 \$76

ARRL Dues include subscription to QST Magazine (Except Family/Blind memberships)

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ARRL \$ \_\_\_\_\_ + FAMILY \$ \_\_\_\_\_ TOTAL \$ \_\_\_\_\_

**Make your check payable to Atlanta Radio Club SUMMARY \$ \_\_\_\_\_**

I would like to receive the club newsletter in the following format: \_\_\_\_\_ PDF(WEB) \_\_\_\_\_ USPS  
 (Electronic or PDF via the web greatly reduces the amount of funds required to be allocated from each membership.  
 The Atlanta Radio Club makes every effort to keep membership dues at a minimum and because of efforts like  
 electronic newsletters we are able continue to offer the most affordable membership rate in the Atlanta Metro Region)

## ARRL Novice Spectrum Study

Source: ARRL

The ARRL Novice Spectrum Study Committee is soliciting input from the amateur community on possible ways to optimize use of the present Novice and Technician Plus allocations on 80, 40, 15 and 10 meters. Survey results might form the basis for the ARRL to approach the FCC and request changes in the ways amateurs may operate within HF bands that contain Novice subbands.

The Novice Spectrum Study survey is available to ARRL members on the Web <<http://www.arrl.org/members-only/NoviceSurvey.html>>. Members will be able to complete and submit the survey only once. Nonmembers are invited to e-mail comments and suggestions to [novicesurvey@arrl.org](mailto:novicesurvey@arrl.org).

The committee--chaired by ARRL International Affairs Vice President Rod Stafford, W6ROD--has been examining the status and usage of the present Novice HF bands with an eye toward determining what changes might be needed now that the FCC no longer issues new Novice licenses. The survey offers members a chance to express opinions and preferences on various options--including leaving things as they are. Respondents are invited to

add comments and suggestions before submitting the survey.

The Novice Spectrum panel will present an interim report at the July ARRL Board meeting, and a final report at the annual meeting next January.

### **Collins 30S1 amplifier FOR SALE...**

Need some TLC, refurbishing and testing before keying down. However, it is worth looking into and seriously considering.

All of you collectors and project aficionados out there, this is a "find"! It is in a steel, waist-high cabinet with a lid and rollers. Still has the original trim although the emblem is missing... The deck has been converted to "solid state". But the tubes still glow and the meters still flick!

Price: \$200 OBO "cash and carry" from this location.

Bill Ronay, Buckhead, GA (Lake Oconee area)  
 Phone: 706-342-7878  
 FAX: 706-342-8225

ATLANTA RADIO CLUB, INC.  
PO BOX 720398  
ATLANTA, GA 30358



## ***MEETING NOTICE JULY 2001***

### **2001 Hamfest Report...continued**

full force and I received many good remarks about how well things went. Thanks go out to Dick, K2UFT, and Lee AF4IA, for getting the tailgaters in and parked.

On the commercial vendor side we unfortunately were missing a few old friends due to illnesses and family associated events that prevented them from attending this year. We look forward to their return in 2002. We had some new vendors in this year and are already looking to add new vendors next year also. The future looks bright. Long time friends of the Atlanta Hamfest – Ham Radio Outlet, C.T. Morgan, Lakeview Antennas, The Wireman, and Bond & Garcia were on hand to sell and display ham gear. Rick Ruhl of Creative Services Software reported doing about one fourth the business he did in Dayton. Pretty good for a show one tenth the size

of Dayton.

Many thanks go out to Charles and Barbera Golsen for handling the finances and the gate. Rick Black, K4RAB, talk-in.

We also had the pleasure of inviting many clubs to host a table such as GARS, Pine Log Rptr Assc., NGAQRP, and QCWA.

And, as always, I would like to thank the host of usual volunteers; KD4EHA, KE4YZX, KE4VGZ, KJ4T, AF4IA, K4RJJ, WK4U, K9CMP, N3FP, WA4ZXV, KC4LSK, KE4EFF, KI4Y, KG4JEL, KG4MDV, KR4IU, K4YDF.

For a full wrap up, we'll see you at the meeting Thursday! Mark your calendars for Labor Day! We'll be at